ABSTRACT OF THE DISCLOSURE

       A node apparatus is provided for
transmitting an ICMP data frame to a transmission
source in response to an IP data frame received from
5   the transmission source when detecting failure
regarding the IP data frame. The node apparatus
includes an information database storing information
about necessity of·generating the ICMP data frame
for each attribute of the ICMP data frame
10 corresponding to a type of the failure, an
information management unit determining the
necessity of generating the ICMP data frame by
referring to the information database when the node
apparatus detects the failure, and a processing unit
15 generating the ICMP data frame if the information
management unit determines that generation of the
ICMP data frame is necessary, wherein the node
apparatus transmits the ICMP data frame to the
transmission source if the processing unit generates
20 the ICMP data frame.